



PATENT

#4

12-8-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kotlowski, Kenneth; Tischler, Brett

Title: SPLIT TRANSACTIONAL UNIDIRECTIONAL BUS ARCHITECTURE
AND METHOD OF OPERATION

App. No.: 09/845,504

Filed: 04/30/2001

RECEIVED

Patent No.: n/a

Issued: n/a

OCT 22 2003

Examiner: n/y/a

Group Art Unit: 2181

Technology Center 2100

Atty. Dkt. No.: 1458-P04919

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450**REVOCATION AND POWER OF ATTORNEY, CHANGE OF
CORRESPONDENCE ADDRESS, APPOINTMENT OF NEW POWER OF
ATTORNEY AND STATEMENT UNDER 37 CFR 3.73(B)**

I hereby revoke all previous powers of attorney given in the above-identified application:

☒ I hereby appoint the practitioners at Customer Number **34456**.☒ I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to
transact all business in the United States Patent and Trademark Office connected therewith:Elizabeth A. Apperley (36,428); Bradley Botsch (34,552); Michael Caywood (37,797);
Daniel R. Collopy (33,667); Kent Cooper (37,296); Paul S. Drake (33,491);
Keith Witek (37,475); Richard J. Roddy (27,688); Jeffrey G. Toler (38,342);
Harry A. Wolin (32,638); John R. Schell (50,776); J. Gustav Larson (39,263);
Rita M. Wisor (41,382); Jeffrey S. Abel (36,079); Anna M.J. Teachout (54,486);
Russell W. White (45,691)**CHANGE OF CORRESPONDENCE ADDRESS****Please change the correspondence address for the above-identified application to the address
associated with Customer Number 34456.**

I am the:

☐ Applicant/Inventor☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is included.



PATENT

STATEMENT UNDER 37 CFR 3.73(b)

ADVANCED MICRO DEVICES, INC., a Delaware Corporation states that it is the Assignee of the entire right, title and interest in the patent application/patent identified above by virtue of:

1. An assignment from the inventors of the patent application identified above to National Semiconductor Corporation, recorded in the United States Patent and Trademark Office at Reel 011766, Frame 0478, or for which a copy thereof is attached.

2. An assignment of the patent application identified above from National Semiconductor Corporation to Advanced Micro Devices, Inc., executed August 21, 2003, copy attached hereto.

The undersigned, whose title is supplied below, is authorized to act on behalf of the assignee.

Oct. 14, 2003
Date

512 602 2103
Telephone No.:

ADVANCED MICRO DEVICES, INC. **RECEIVED**
Paul S. Drake OCT 22 2003
Paul S. Drake,
Intellectual Property Portfolio Counsel and
Assistant Secretary
Technology Center 2100
Advanced Micro Devices, Inc.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUL 20 2001

PTAS

NOVAKOV DAVIS & MUNCK, P.C.
WILLIAM A. MUNCK
13155 NOEL ROAD, SUITE 900
DALLAS, TEXAS 75240



OCT 22 2003

DOCKETED

Technology Center 2100

JUL 30 2001

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/30/2001

REEL/FRAME: 011766/0478
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KOTLOWSKI, KENNETH JAMES

DOC DATE: 04/27/2001

ASSIGNOR:

TISCHLER, BRETT A.

DOC DATE: 04/27/2001

ASSIGNEE:

NATIONAL SEMICONDUCTOR CORPORATION
2900 SEMICONDUCTOR DRIVE
SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09845504
PATENT NUMBER:

FILING DATE: 04/30/2001
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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JUL 26 2001

NOVAKOV DAVIS & MUNCK

FORM PTO-1619A
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10843 U.S. PTO
09/845504

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Document ID#
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- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (line 1) Kenneth James Kotlowski	04 27 2001
Name (line 2) <input type="text"/>	

Second Party

Name	Execution Date Month Day Year
Name (line 1) Brett A. Tischler	04 27 2001
Name (line 2) <input type="text"/>	

Receiving Party

☐ Mark if additional names of receiving parties attached

Name	Address	City	State/Country	Zip Code
Name (line 1) National Semiconductor Corporation	Address (line 1) 2900 Semiconductor Drive		California	95051
Name (line 2) <input type="text"/>	Address (line 2) <input type="text"/>			
Address (line 3) Santa Clara				

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number (214) 922-9221

Name William A. Munck

Address (line 1) Novakov Davis & Munck, P.C.

Address (line 2) 13155 Noel Road, Suite 900

Address (line 3) Dallas, Texas 75240

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40

Method of Payment:
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

140448

Authorization to charge additional fees:

Yes ☒ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

John T. Mockler

Name of Person Signing

Signature

Date

4/30/01

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P04919

Whereas, I, Kenneth James Kotlowski of Berthoud, CO, hereafter referred to as applicant, have invented certain new and useful improvements in SPLIT TRANSACTIONAL UNIDIRECTIONAL BUS ARCHITECTURE AND METHOD OF OPERATION

☐ for which an application for a United States Patent was filed on _____
Application Number _____/_____.

☒ for which an application for a United States Patent was executed on _____ and

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of two dollars (\$ 2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of April, 2001,
at Berthoud, Colorado

Kenneth J. Kotlowski
(Signature)

State of Colorado SS:
County of Boulder

Before me personally appeared said Kenneth James Kotlowski
and acknowledged the foregoing instrument to be his free act and deed this 27th
day of April, 2001.

Seal

Meredith A. Jodzio
(Notary Public)

My Commission Expires 02-20-2005

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P04919

Whereas, I, Brett A. Tischler of Longmont, CO, hereafter referred to as applicant, have invented certain new and useful improvements in SPLIT TRANSACTIONAL UNIDIRECTIONAL BUS ARCHITECTURE AND METHOD OF OPERATION

☐ for which an application for a United States Patent was filed on _____
Application Number _____/_____.

☒ for which an application for a United States Patent was executed on _____, and

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of two dollars (\$ 2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of April, 2001.

at Longmont, Colorado

Brett A. Tischler
(Signature)

State of Colorado SS:
County of Boulder

Before me personally appeared said Brett A. Tischler

and acknowledged the foregoing instrument to be his free act and deed this 27th
day of April, 2001.

Seal

Maureen A. Jozis
(Notary Public)

My Commission Expires 02-20-2005

ASSIGNMENT OF PATENT RIGHTS

This ASSIGNMENT OF PATENT RIGHTS, dated August 21, 2003 (this "Agreement"), is entered into by National Semiconductor Corporation and its Subsidiaries (as defined below) (collectively, "Assignor"), with and for the benefit of Advanced Micro Devices, Inc. ("Assignee"). For the purpose of this Agreement, "Subsidiary" means, with respect to a party, any corporation, company, or other entity, more than fifty percent (50%) of whose outstanding shares or securities (representing the right to vote for the election of directors or other managing authority) are, now or hereafter, owned or controlled, directly or indirectly by a party hereto, but such corporation, company or other entity shall be deemed to be a "Subsidiary" only so long as such ownership or control exists.

WHEREAS, Assignor has agreed to sell and assign, and Assignee has agreed to buy and acquire all of Assignor's rights, title and interests in and to the Assigned Patent Applications set forth in Exhibit A attached hereto (the "Assigned Patent Applications").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns and transfers to Assignee any and all worldwide rights, title and interests Assignor holds, or may hold, in and to the Assigned Patents, together with all rights derived therefrom, including but not limited to the right to sue for and collect damages for past, present and future infringement.

Assignor further agrees that, should additional or further documentation of the assignment be required for whatever reason, Assignor will, without further consideration, provide or execute such other information or documents as may be necessary upon Assignee's reasonable request.

This Agreement shall be binding on and shall inure to the benefit of, the parties hereto and their respective successors and assigns. This Agreement will be governed by, and construed in accordance with, the internal laws of the State of California applicable to contracts executed and performed entirely therein, without regard to the principles of choice of law or conflicts or law of any jurisdiction. If any term or other provision of this Agreement is invalid, illegal or incapable of being enforced by any rule of law or public policy, all other conditions and provisions of this Agreement will nevertheless remain in full force and effect so long as the economic or legal substance of the transactions contemplated hereby is not affected in any manner materially adverse to any party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the parties hereto will negotiate in good faith to modify this Agreement so as to effect the original intent of the parties as closely as possible in a mutually acceptable manner in order that the transactions contemplated hereby be consummated as originally contemplated to the greatest extent possible. This Agreement may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which when executed will be deemed to be an original but all of which taken together will constitute one and the same agreement.

IN WITNESS WHEREOF, Assignor has caused this Assignment of Patent Rights to be executed by its duly authorized representatives effective as of the date first written above.

NATIONAL SEMICONDUCTOR CORPORATION

By: [Signature]
Name: John M. Clark III
Title: Senior Vice President and Secretary

STATE OF California

COUNTY OF Santa Clara

On this 21st day of August, 2003, before me, a Notary Public in and for said State, personally appeared John M. Clark III personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he she they executed the same in his her their authorized capacity(ies), and that by his her their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS, my hand and official seal.

[Signature]
Notary Public

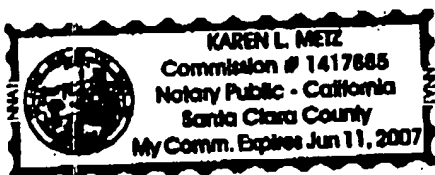


EXHIBIT A

<u>Docket</u>	<u>Sub</u>	<u>Title</u>	<u>Inventors</u>	<u>Status</u>	<u>File Date</u>	<u>Serial No.</u>	<u>Issue Date</u>	<u>Pat Number</u>
P04919		SPLIT TRANSACTIONAL UNIDIRECTIONAL BUS ARCHITECTURE AND METHOD OF OPERATION	KOTLOWSKI KENNETH TISCHLER BRETT	Filed	04/30/2001	09/845504		